

ABSTRACT

An apparatus and method that being capable of implementing uninterrupted communication during performing a handover process by a mobile node are provided. A mobile
5 node transmits a handover start message containing address information of a destination access point, to a switch as a data forwarding controller, and the switch adds an entry to a MAC learning table based on the address contained in the message. The switch forwards packets addressed to the mobile
10 node, to a current access point of the mobile node as well as to its destination access point in parallel based on the entries in the MAC learning table. The mobile node can receive data packets at once upon connection to the new access point after having performed a handover.

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